510(k) Summary

In accordance with 21CFR807.92, the following summary of information is provided;

Date Jun 29th 2012

ALPINION MEDICAL SYSTEMS Co., Ltd. Submitter:

Address: 1, 6 and 7FL Verdi Tower, 72, Digital-ro(St) 26-gil(Rd),

Guro-gu, Seoul, Republic of Korea 152-848.

Primary Contact Person Donghwan Kim

QARA Manager

Address: 1, 6 and 7FL Verdi Tower, 72, Digital-ro(St) 26-gil(Rd),

Guro-gu, Seoul, Republic of Korea 152-848,

Phone: +82 70 7465 2068 Fax: +82 2 851 5594

Email: donghwan.kim@alpinion.com

Secondary Contact Yuchi Chu

Person

Address: Suite 229, 10604 NE 38th Place, Kirkland, WA 98033,

United States Phone: 425 949 4907 Fax: 425 949 4908

Email: ychu@alpinionus.com

Device Trade Name: E-CUBE inno

Common/Usual Name: Ultrasonic Pulsed Doppler Imaging System

Classification Names System, Imaging, Pulsed Doppler Ultrasonic

Product Code: Ultrasonic Pulsed Doppler Imaging System, 21CFR 892.1550 90-

Ultrasonic Pulsed Echo Imaging System, 21CFR 892.1560, 90-IYO

Diagnostic Ultrasound Transducer, 21CFR 892.1570, 90-ITX

Predicate Device(s) Device Description:

K113690 LOGIQ i, LOGIQ e, Vivid e

E-CUBE inno product is a mobile ultrasound imaging system for medical diagnosis. This product can be used for the applications of abdominal, obstetrics, gynecology, small parts, cardiology, vascular,

The system platform provides optimal patient diagnosis workflow with ergonomic control panel with easy user interface, optimal image

quality.

Indications For Use: The device is intended for use by a qualified physician for the

evaluation of soft tissue and blood flow in the clinical applications; Fetal; Abdominal (renal & GYN/pelvic); Pediatric; Small Organ (breast, testes, thyroid); Musculo-skeletal(Conventional); Musculoskeletal (Superficial); Cardiac (adult); Peripheral Vascular (PV); and

Urology (including prostate).

<u>Technology:</u> E-CUBE inno employs the same fundamental scientific technology as its predicate device.

Feature	Proposed E-CUBE inno ALPINION MEDICAL SYSTEMS Co., Ltd.	Predicate LOGIQ e GE Healthcare
510(k) Number	-	K113690
Indications for use	The device is intended for use by a qualified physician for the evaluation of soft tissue and blood flow in the clinical applications; Fetal; Abdominal, Pediatric; Small Organ (breast, testes, thyroid); Musculo-skeletal(Conventional); Musculo-skeletal (Superficial); Cardiac adult; Peripheral Vascular (PV); and Urology (including prostate).	The device is intended for use by a qualified physician for the evaluation of soft tissue and blood flow in the clinical applications; Fatal/OB; Abdominal(GYN & Urology); Pediatric; Small Organ (breast, testes, thyroid); Musculo-skeletal Conventional and Superficial; Cardiac (adult and pediatric); Peripheral Vascular (PV); Urology (including prostate); Intra-operative (abdominal, thoracic, PV) Neonatal Cephalic &Adult Cephalic; Trans-esophageal; Trans-rectal; Trans-vaginal (TV); and Thoracic/Pleural
	effectiveness same as LOGIQ e, even the indications comparing with the pre-	
Dimensions and weight	Therefore, E-CUBE inno is substantial Weight: approx. 7.2kg (excluding Option) Height: 83.5~415 mm Width: 410 mm Depth: 371 mm	Weight: approx. 4.6kg(with battery) Height: 61mm/1410 mm Width: 340mm Depth: 287mm/ 337mm with handle
Monitor	15 inch LCD Display size: 1024 X 768 Monitor tilt - More than 165 degrees	15 inch TFT LCD Display size: 1024 X 768 Monitor tilt - 160 degrees (maximum)
Electrical power	Voltage:24V 6.5A Frequency: 50/60Hz Power: 120 VA MAX with Peripherals	Voltage: 20V 5A Frequency: 50/60Hz Power: Max. 130 VA with Peripherals
Consol design	1 Active Probe Port Integrated HDD (Capacity: 500G) Rear Handle On-board Storage for Peripherals - BW Printer, Color Printer, DVD RW USB ports, internal ECG	1 Active Probe Port Integrated HDD(Capacity: 160G) Rear Handle Lithium ion battery pack(Standard) On-board Storage for Peripherals - BW Printer, Color Printer, DVD RW, USB ports, USB ECG(AHA/IEC) Support CWD Support

	Discussion of differences											
	E-CUBE inno has more storage capacity of image than Logiq e and it is not related											
	with the safety and effectiveness and essential performance.											
	E-CUBE inno doesn't include a Lithium ion battery pack but this is not essential											
	parts.											
Operating	B Mode	B Mode										
Mode	M Mode	M Mode										
		Anatomical M mode										
	Color Flow Mode	Color Flow Mode										
	Power Doppler Mode	Power Doppler Mode										
	Pulse Wave Doppler Mode	Pulse Wave Doppler Mode										
	Continuous Wave Doppler	Continuous Wave Doppler Mode Tissue Doppler Imaging										
	SRI	SRI										
	Discussion of difference E-CUBE inno includes essential operating mode for diagnosis Substantially Equivalent											
Labeling												
and/or	Section 6 User manual	Section 3B User manual GE Logiq e										
promotional materials	Section 6A Catalog E-CUBE inno	Section 3C Catalog GE Logiq e										
Accessories or	Color printer	Color printer										
kits	BW printer	B/W printer										
	DVD-RW	DVD-RW										
		Footswitch										
	•	Lithium ion battery pack(Standard)										
	Ultrasonic gel	Aquasonic 100 Scan Gel										
	_	Scan Ultrasound Gel										
	Cidex OPA (disinfectant agents)	Cidex OPA (disinfectant agents)										
	Cidex Plus (disinfectant agents)											
	SC1-6 Biopsy Starter kit	Sterile Ultrasound Probe Sheath Set										
	L3-12 Biopsy Starter kit	Sterile Ultrasound Cord Sheath Set										
		Sanitary Rectal/Vaginal Probe Cover										
		Sterile Combination Probe and Cord										
		Cover Set										
		Sterile Ultrasound Probe Sheath Set for										
	Potiont ECG cable//AHA/IEC)	Wide Aperture Sector Probes										
	Patient ECG cable((AHA/IEC)	USB ECG(AHA/IEC) Support										
·		Isolation/Docking Cart										
	Discussion of difference											
	E-CUBE inno doesn't include a lithiu	m ion battery, Footswitch but this is not										
	essential parts.											

Measurement	1. General	1. General				
and	1) B-Mode	1) B-mode				
Calculation	2) M-Mode	2) M-Mode:				
functions	3) Doppler Mode	3) Doppler Mode				
	2. Abdomen	2. Abdomen				
	1) B-Mode	1) B-Mode				
•	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
	3. Small Parts	3. Small Parts				
	1) B-Mode	1) B-Mode				
	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
	4. Obstetrics	4. Obstetric				
·	1) B-Mode	1) B-Mode:				
	2) M-Mode:	2) M-Mode:				
	3) Doppler Mode	3) Doppler Mode				
	5. Gynecology	5. Gynecology				
	1) B-Mode	1) B-Mode				
	2) M-Mode:	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
	6. Cardiology	6. Cardiology				
	1) B-Mode	1) B-Mode				
	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode:				
	7. Vascular	7. Vascular				
	1) B-Mode	1) B-Mode				
	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
	8. Urology	8. Urology				
	1) B-Mode	1) B-Mode				
	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
	9. Pediatrics	9. Pediatrics				
	1) B-Mode	1) B-Mode				
	2) M-Mode	2) M-Mode				
	3) Doppler Mode	3) Doppler Mode				
Acoustic	Track 3	Track 3				
output		· <u> </u>				
<conclusion:< td=""><td></td><td></td></conclusion:<>						

<Conclusion>

The indications for use, material, form factor, performance, and safety characteristics between E-CUBE inno and the predicate device are the same except for Intra-operative (abdominal, thoracic, PV); Neonatal Cephalic &Adult Cephalic; Trans-esophageal; Trans-rectal; Trans-vaginal (TV); and Thoracic/Pleural. The primary difference is cosmetic structure and component used only. Therefore, we can claim the substantially equivalence of E-CUBE inno to the predicate device.

<u>Determination of</u> <u>Substantial Equivalence:</u>

Summary of Non-Clinical Tests:

E-CUBE inno has been evaluated for biocompatibility, acoustic output as well as thermal, electrical, electromagnetic, and mechanical safety, and has been found to conform to applicable medical device safety standards. E-CUBE inno and its application compty with voluntary standards as detailed in this premarket submission. The following quality management system measures were applied to the development of E-CUBE inno:

- NEMA UD2, UD3
- AIUM Medical Ultrasound Safety
- IEC60601-1
- IEC60601-1-2
- IEC60601-2-37
- ISO 10993-1

Transducer materials and other patient contact materials are biocompatible.

Summary of Clinical Tests:

The subject of this premarket submission, E-CUBE inno, did not require clinical studies to support substantial equivalence.

Conclusion:

ALPINION MEDICAL SYSTEMS Co., Ltd. considers E-CUBE inno to be as safe, as effective, and performance is substantially equivalent to the predicate device.

ALPINION MEDICAL SYSTEMS Co., Ltd. will update and include in this summary any other information deemed reasonably necessary by the FDA or the requirements will be published in guidance documents.

Appendix B - Decision Summary for Web Posting

Decision Summary, K 121937

This 510(k) was reviewed under OIVD's Pilot Triage Program. This program represents an internal workload management tool intended to reduce internal FDA review resources for 510(k) applications that are of good quality upon receipt by FDA.

The information in the 510(k) is complete and supports a substantial equivalence (SE) determination. Please refer to the applicant's 510(k) summary for a summary of the information that supports this SE determination.

OIVD, 6/12/12, v1.2



Food and Drug Administration 10903 New Hampshire Avenue Silver Spring, MD 20993

JUL 2 6 2012

Mr. Donghwan Kim QARA Manager Alpinion Medical Systems Co., Ltd. 1, 6 and 7 FL, Verdi Tower 72, Digital-ro (St) 26-gil (Rd), Guro-gu SEOUL 152-848 REPUBLIC OF KOREA

Re: K121937

Trade/Device Name: E-CUBE inno Regulation Number: 21 CFR 892.1550

Regulation Name: Ultrasonic pulsed doppler imaging system

Regulatory Class: II

Product Code: IYN, IYO, and ITX

Dated: June 28, 2012 Received: July 2, 2012

Dear Mr. Kim:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

This determination of substantial equivalence applies to the following transducers intended for use with the E-CUBE inno, as described in your premarket notification:

Transducer Model Number

<u>C1-6i</u>	<u>L3-8i</u>
<u>SP1-5i</u>	<u>L3-12i</u>

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can

be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the <u>Federal Register</u>. Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic

This letter will allow you to begin marketing your device as described in your premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus permits your device to proceed to market.

product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to

http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

If you have any questions regarding the content of this letter, please contact Jeffrey Ballyns at (301) 796-6105.

Sincerely Yours,

Janine M. Morris

Acting Director

Division of Radiological Devices Office of In Vitro Diagnostic Device

Evaluation and Safety

Center for Devices and Radiological Health

Mah O DA Go

Indications for Use Statement

510(k) Number (if known):
Device Name: E-CUBE inno
ndications for Use:
The device is intended for use by a qualified physician for the evaluation of soft tissue and blood low in the clinical applications; Fetal; Abdominal (renal & GYN/pelvic); Pediatric; Small Organ (breast, testes, thyroid); Musculo-skeletal(Conventional); Musculo-skeletal (Superficial); Cardiac (adult); Peripheral Vascular (PV) and Urology (including prostate).
Prescription Use AND/OR Over-The-Counter Use (Part 21 CFR 801 Subpart D) (Part 21 CFR 807 Subpart C)
(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)
Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)
(Division Sign-Off) Division of Radiological Devices Office of In Vitro Diagnostic Device Evaluation and Safety 510K

E-CUBE inno Ultrasound System

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Clinical Application	Mode of Operation									
٠.	8	M	PWD	CWD	Color Doppler	Power Doppler	Tissue Harmonic Imaging	Combined* (Specify)	Other** (Specify)	
Ophthalmic								,		
Fetal	N	N	N		N	N	N	N		
Abdominal	N	N	N	N	N	.N	N	N		
Intra-operative (Specify)										
Intra-operative (Neuro)						*				
Laparoscopic				_			_			
Pediatric	N	N	N	N	N	N	N	N		
Small Organ (breast, testes, thyroid)	N	N	N		N	N	N	N		
Neonatal Cephalic	1 -									
Adult Cephalic										
Trans-rectal	 		· · · · · · · · · · · · · · · · · · ·			<u> </u>				
Trans-vaginal	1	-								
Trans-urethral	1			1				- ' "		
Trans-esoph. (non-Card.)	1			1						
Musculo-skeletal (Conventional)	N	N	N		N	·N	N	N		
Musculo-skeletal (Superficial)	N.	N	N		, N	N	N	N		
Intravascular				T						
Cardiac Adult	N	N	N	N	N	N	N	N		
Cardiac Pediatric										
Intravascular (Cardiac)	1	\vdash		 				1	<u> </u>	
Trans-esoph. (Cardiac)	1	<u> </u>			Ì	<u> </u>				
Intra-cardiac		T		1	 	1	<u> </u>			
Peripheral vessel	N	N	N	<u> </u>	N	N	N	N		
Urology (including prostate)	N	N	N	1	N	N	N	N		

N = new indication; P = previously cleared by FDA; E = added under appendix

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)

Prescription User (Per 21 CFR 801.109)

ALPINION MEDICAL SYSTEMS Co., Ltd.

(Division Sign-Off)

Division of Radiological Devices

Office of In Vitro Diagnostic Device Evaluation and Safety

E-2

^{*} Combined: B/M, B/PWD, B/CF, B/PD, B/CF/PWD, B/CF/M, Dual B; **Other: 3D, 4D

E-CUBE inno with C1-6i Transducer

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Clinical Application	Mode of Operation									
•	В	M	PWD	CWD	Color	Power	Tissue	Combined*	Other**	
					Doppler	Doppler	Harmonic	(Specify)	(Specify)	
	1						imaging			
Ophthalmic								,		
Fetal	N	N	N		N	N	N	N		
Abdominal	N	N	N		N	N	N	N	,	
Intra-operative (Specify)										
Intra-operative (Neuro)		ŀ				Ī				
Laparoscopic			:							
Pediatric	N	N	N		N	N	N	N		
Small Organ			_				_			
(breast, testes, thyroid)	ŀ			1						
Neonatal Cephalic	1		1							
Adult Cephalic										
Trans-rectal								-	Ī	
Trans-vaginal										
Trans-urethral	7									
Trans-esoph. (non-Card.)										
Musculo-skeletal				٠.						
(Conventional)										
Musculo-skeletal				1			1		-	
(Superficial)										
Intravascular									·	
Cardiac Adult										
Cardiac Pediatric										
Intravascular (Cardiac)	\top				1					
Trans-esoph. (Cardiac)										
Intra-cardiac		Ι.								
Peripheral vessel										
Urology (including prostate)	N	N	N		N	N	N	N		

N = new indication; P = previously cleared by FDA; E = added under appendix

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)

Prescription User (Per 21 CFR 801.109)

ALPINION MEDICAL SYSTEMS Co., Ltd.

ւմք. **E-**3

Division Sign Off)

Division of Radiotogical Devices

Office of in Vitro Diagnostic Device Evaluation and Safety

^{*} Combined: B/M, B/PWD, B/CF, B/PD, B/CF/PWD, B/CF/M, Dual B; **Other: 3D, 4D

E-CUBE inno with SP1-5i Transducer

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Clinical Application	Mode of Operation									
,	В	М	PWD	CWD	Color	Power	Tissue	Combined*	Other**	
	Doppler C	Doppler	Harmonic Imaging	(Specify)	(Specify)					
Ophthalmic	1									
Fetal										
Abdominal	N	N	N	N	N	N	N	N		
Intra-operative (Specify)										
Intra-operative (Neuro)	1									
Laparoscopic										
Pediatric	N	N	N	N	N	N	N	N	"	
Small Organ										
(breast, testes, thyroid)										
Neonatal Cephalic	1		,							
Adult Cephalic							-			
Trans-rectal										
Trans-vaginal	1		•							
Trans-urethral	1									
Trans-esoph. (non-Card.)	1									
Musculo-skeletal	1									
(Conventional)								·		
Musculo-skeletal	1									
(Superficial)	1				•		j			
Intravascular				1					1	
Cardiac Adult	N	N	N	N	N	N	N	N		
Cardiac Pediatric	1	Ħ		1						
Intravascular (Cardiac)										
Trans-esoph. (Cardiac)	 			 						
Intra-cardiac										
Peripheral vessel										
Urology (including prostate)	1								 	

N = new indication; P = previously cleared by FDA; E = added under appendix

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)

Prescription User (Per 21 CFR 801,109)

ALPINION MEDICAL SYSJEMS Co., Ltd.

E-4

(Division Sign-Off)

Division of Radiological Devices

Office of In Vitro Diagnostic Device Evaluation and Safety

^{*} Combined: B/M, B/PWD, B/CF, B/PD, B/CF/PWD, B/CF/M, Dual B; **Other: 3D, 4D

E-CUBE inno with L3-8i Transducer

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Clinical Application	Mode of Operation										
	В	М	PWD	CWD	Color Doppler	Power Doppler	Tissue Harmonic Imaging	Combined* (Specify)	Other** (Specify)		
Ophthalmic			-								
Fetal											
Abdominal			· · · · · ·								
Intra-operative (Specify)			- "			,					
Intra-operative (Neuro)			1.000		· 						
Laparoscopic			<u> </u>	1		Ì					
Pediatric	N	N	N	ļ :	N	N	N	N			
Small Organ				1							
(breast, testes, thyroid)	N	N	N	1	-N	N .	, N	N			
Neonatal Cephalic						•			· · ·		
Adult Cephalic									<u> </u>		
Trans-rectal			•				•				
Trans-vaginal				1							
Trans-urethral											
Trans-esoph. (non-Card.)											
Musculo-skeletal	1							.:			
(Conventional)	N	N	N		N	N	N	N			
Musculo-skeletal	1							.,			
(Superficial)	N	N	N	1	N	N	N	, N	1		
Intravascular				1							
Cardiac Adult											
Cardiac Pediatric	1										
Intravascular (Cardiac)											
Trans-esoph. (Cardiac)											
Intra-cardiac											
Peripheral vessel	N	N	N		N	N	N	N			
Urology (including prostate)								,			

N = new indication; P = previously cleared by FDA; E = added under appendix

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)

Prescription User (Per 21 CFR 801.109)

ALPINION MEDICAL SYSTEMS Co., Ltd.

(Division Sign-Off)
Division of Radiological Devices
Office of in Vitro Diagnostic Daylos Evaluation and Safety

510K Bla 937

E-5 ·

^{*} Combined: B/M, B/PWD, B/CF, B/PD, B/CF/PWD, B/CF/M, Dual B; **Other: 3D, 4D

E-CUBE inno with L3-12i Transducer

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Clinical Application	Mode of Operation									
	В	M	PWD	CWD	Color	Power	Tissue	Combined*	Other**	
					Doppler	Doppler	Harmonic Imaging	(Specify)	(Specify)	
Ophthalmic	 									
Fetal	1					·				
Abdominal	·			 						
Intra-operative (Specify)										
Intra-operative (Neuro)										
Laparoscopic										
Pediatric	N	N	N		N	N	N	N		
Small Organ	1					-				
(breast, testes, thyroid)	N	N	N		N	N	N	N		
Neonatal Cephalic	1									
Adult Cephalic	1	-								
Trans-rectal								· · · · · · · · · · · · · · · · · · ·		
Trans-vaginal	1		-			- -				
Trans-urethral				<u> </u>				-		
Trans-esoph. (non-Card.)			•		•					
Musculo-skeletal	1									
(Conventional)	N	N	N		N	N	N	N		
Musculo-skeletal								-		
(Superficial)	N	N	N		N	N	N	N		
Intravascular										
Cardiac Adult	İ						_	, ' , 		
Cardiac Pediatric										
Intravascular (Cardiac)	1									
Trans-esoph. (Cardiac)										
Intra-cardiac				ļ — —						
Peripheral vessel	N	N	N		N	N	N	N		
Urology (including prostate)					·					

N = new indication; P = previously cleared by FDA; E = added under appendix

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In-Vitro Diagnostic Devices (OIVD)

E-6

Prescription User (Per 21 CFR 801.109)

ALPINION MEDICAL SYSTEMS Co., Ltd.

(Division Sign-Off)

Division of Radiological Devices

Office of in Vitro Diagnostic Device Evaluation and Safety

^{*} Combined: B/M, B/PWD, B/CF, B/PD, B/CF/PWD, B/CF/M, Dual B; **Other: 3D, 4D